

WHAT IS CLAIMED IS:

5 1. A spacer frame bar comprising:
an elongate tubular spacer member having first and second side webs for
engaging first and second glass panes and upper and lower webs spanning from said first
side web to said second side web;

10 each said side web being formed of a yieldable material and comprising at
least one corrugation that defines a vertically spaced gap;

so that in response to bending of said spacer frame bar about said upper
web said gaps of said corrugations collapse so as to reduce a height of said spacer
bar and thereby reduce the distance by which said lower web is stretched at an
outside radius of the bend.

15

2. The spacer frame bar of claim 1, wherein each said side web comprises an
upper portion that forms a contact area for engaging a pane of glass and a lower portion
having said at least one corrugation formed therein.

20

3. The spacer frame bar of claim 2, wherein said lower portion of each side
web comprises a plurality of said corrugation.

25

4. The spacer frame bar of claim 3, wherein each said corrugation comprises:
upper and lower wall portions that are spaced apart by said gaps and that
move into engagement so as to limit collapse of said side webs as said spacer frame
bar is bent.

30

5. The spacer frame bar of claim 4, wherein said wall portions of said
corrugation extend generally parallel to one another.

6. The spacer frame bar of claim 5, wherein said wall portions of said
corrugations extend generally parallel to said upper and lower webs of said bar.

- 5 7. The spacer frame bar of claim 6, wherein said upper and lower webs and said first and second side webs define a hollow interior of said bar, and wherein said wall portions of said corrugations limit collapse of said side webs to a predetermined amount such that a passage remains open through said interior of said bar at said bend.
- 10 8. The spacer frame bar of claim 1, wherein said lower web comprises:
a seam joining first and second sides of said lower web.
9. The spacer frame bar of claim 8, wherein said seam is a lap seam.
- 15 10. The spacer frame bar of claim 8, wherein said seam is a welded seam.
11. The spacer frame bar of claim 1, wherein said yieldable material is roll formed aluminum alloy.